

## CLAIMS

- [1] A synchronizer ring characterized by comprising: an annular ring body, wherein a friction material is integrally joined to at least one of an inner peripheral surface and an outer peripheral surface of said ring body, said friction material containing a phenol resin in which 40 to 70 wt.% of a porous carbon powder containing mineral components is dispersedly contained.
- [2] The synchronizer ring according to claim 1, wherein said ring body is formed of one of iron, a ferroalloy, a non-ferrous alloy, and a sintered alloy thereof.
- [3] The synchronizer ring according to claim 1 or 2, wherein said porous carbon powder containing mineral components contains 65 to 75 wt.% of a carbon component, 5 to 10 wt.% of mineral components, and 15 to 30 wt.% of oxygen.
- [4] The synchronizer ring according to any one of claims 1 to 3, wherein said phenol resin is one or two or more kinds selected from a novolak type phenol resin, an epoxy modified phenol resin, and a melamine modified phenol resin.
- [5] The synchronizer ring according to any one of claims 1 to 4, wherein said friction material contains an inorganic whisker and/or a porous ceramic at a ratio of 5 to 30 wt.%.
- [6] The synchronizer ring according to claim 5, wherein said inorganic whisker is one or two or more kinds selected from a calcium sulfate whisker, a potassium titanate whisker, a zinc oxide whisker, a magnesium sulfate whisker, an aluminum borate whisker, a calcium silicate whisker, and a titanium oxide whisker.
- [7] The synchronizer ring according to claim 5, wherein said porous ceramic is selected from at least one of activated alumina and activated magnesia.